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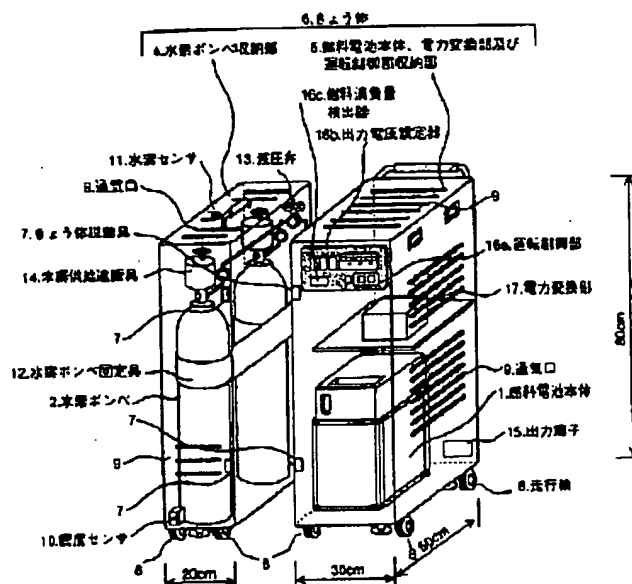
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TITLE : PORTABLE FUEL CELL DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a portable fuel cell device which is excellent in portability, has a hydrogen bomb whose painted surface is never exposed, and can be operated for a long time, increase the system capacity by parallel connection, and be remotely operated, monitored and stopped.

SOLUTION: A hydrogen bomb housing part 4 and a housing part 5 for fuel cell body, power converting part and operation control part are provided with traveling wheels 8 on the lower parts, respectively, and have body-of-equipment attaching and detaching tools 7 for combining each housing part to form a body of equipment 6, so that they can be independently separated and moved. The painted surface of a hydrogen bomb 2 in the housing part 4 is never exposed. When the fuel in the hydrogen bomb 2 is little in operation, the replacing time is judged by the primary pressure of a pressure reducing valve 13, and the bomb is replaced by a filled bomb to allow a long-time operation. A power converting part 17 equalizes the load sharing in the parallel connection of a cell device to allow a higher capacity.

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